国際調査報告 国際出願番号 PCT/JP03/14491 発明の属する分野の分類(国際特許分類(IPC)) Int. $C1^7$ G01B5/02, A61B5/107 調査を行った分野 調査を行った最小限資料(国際特許分類(IPC)) Int. Cl 7 G01B3/10, G01B5/02, G01B21/02, A41H1/02, A61B5/107 最小限資料以外の資料で調査を行った分野に含まれるもの 日本国実用新案公報 1922-1996年 日本国公開実用新案公報 1971-2003年 1994-2003年 日本国登録実用新案公報 日本国実用新案登録公報 1996-2003年 国際調査で使用した電子データベース (データベースの名称、調査に使用した用語) 関連すると認められる文献 引用文献の 関連する カテゴリー* 引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示 請求の範囲の番号 Α JP 9-166432 A(株式会社ミツトヨ) 1-101997.06.24,全文,全図(ファミリーなし) 日本国実用登録出願59-68789号(日本国実用登録出願公開60-179903 Α 1-10 号)の願書に添付した明細書及び図面の内容を記録したマイクロフ ィルム(武藤工業株式会社)1985.11.29.全文,全図(ファミリーなし) Α 日本国実用登録出願55-138932号(日本国実用登録出願公開57-64604 1-10 号)の願書に添付した明細書及び図面の内容を記録したマイクロフ ィルム(シャープ株式会社)1982.04.17,全文,全図(ファミリーなし) | | C欄の続きにも文献が列挙されている。 ┃ ┃ パテントファミリーに関する別紙を参照。 * 引用文献のカテゴリー の日の後に公表された文献 「A」特に関連のある文献ではなく、一般的技術水準を示す 「T」国際出願日又は優先日後に公表された文献であって 出願と矛盾するものではなく、発明の原理又は理論 「E」国際出願日前の出願または特許であるが、国際出願日 の理解のために引用するもの 以後に公表されたもの ·「X」特に関連のある文献であって、当該文献のみで発明 「L」優先権主張に疑義を提起する文献又は他の文献の発行 の新規性又は進歩性がないと考えられるもの 日若しくは他の特別な理由を確立するために引用する 「Y」特に関連のある文献であって、当該文献と他の1以 文献 (理由を付す) 上の文献との、当業者にとって自明である組合せに 「〇」口頭による開示、使用、展示等に言及する文献 よって進歩性がないと考えられるもの 「P」国際出願日前で、かつ優先権の主張の基礎となる出願 「&」同一パテントファミリー文献 国際調査を完了した日 国際調査報告の発送日 20.1.2004 26.12.03 国際調査機関の名称及びあて先 特許庁審査官(権限のある職員) 2 S 9206 **SPE** 日本国特許庁 (ISA/JP) 岡田 卓弥 郵便番号100-8915 電話番号 03-3581-1101 内線 3216 東京都千代田区霞が関三丁目4番3号

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/14491

"A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Name and mailing address of the ISA/ Japanese Patent Office priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered novel or cannot be considered no							
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int. C1' G01B3/10, G01B5/02, G01B21/02, A41H1/02, A61B5/107 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2003 Kokai Jitsuyo Shinan Koho 1971–2003 Jitsuyo Shinan Koho 1994–2003 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A JP 9-166432 A (Mitsutoyo Corp.), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) X Special engageties of died documents: Comment defining the porner state of the art which is not considered to involve an invention and considered to involve an invention and the principle or boory underlying because in considered to involve an invention and counsent defining the principle or boory underlying the invention comment of the considered to involve an invention and considered to involve an invention and considered to involve an invention and the proposity date chimed To comment defining the proposition of the international filing date to the series of the same patent family Comment referring to an oral disclosure, use, exhibition or other special recons (es specific) Comment referring to an oral disclosure, use, exhibition or other special recons (es specific) Comment defining the proposition to the international filing date to the series of the same patent family Comment defining the proposition to the international filing date to the same patent family Comment defining t							
Minimum decumentation searched (classification system followed by classification symbols) Intt.C1 ⁷ G01B3/10, G01B5/02, G01B21/02, A41H1/02, A61B5/107 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2003 Kokai Jitsuyo Shinan Koho 1971–2003 Jitsuyo Shinan Toroku Koho 1996–2003 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A JP 9-166432 A (Mitsutoyo Corp.), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) [Y Special energoties of cited documents: occument defining the general state of the art which is not considered to be of particular relevance. The consideration of the international filing date or proving the international filing date or proving the international filing date or proving the internation of the internation and the considered to lower an inventive step when the document being dovices to a prossa skilled in the art document in the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Name and mailing address of the ISA/ Japanese Patent Office	According t	According to International Patent Classification (IPC) or to both national classification and IPC					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2003 Kokai Jitsuyo Shinan Koho 1971–2003 Jitsuyo Shinan Toroku Koho 1996–2003 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A JP 9–16432 A (Mitsutoyo Corp.), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushik Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) X Further documents are listed in the continuation of Box C. Special categories of cited documents: A comment of positication of the continuation of Box C. See patent family annex. * Special categories of cited documents: A comment defining the general state of the art which is not considered to be of particalize relevance: * Special categories of cited documents: A comment defining the general state of the art which is not considered to be of particalize relevance: * Special categories of cited documents: * Special categorie	B. FIELD	S SEARCHED					
Jitsuyo Shinan Koho 1992–1996 Toroku Jitsuyo Shinan Koho 1994–2003 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A JP 9–166432 A (Mitsutoyo Corp.), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) Full tex				07			
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A JP 9-166432 A (Mitsutoyo Corp.), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1995 (29.11.85), Full text; all drawings (Family: none) Secula cappies of cited documents: Comment defining the general state of the art which is not considered to be of partialar relevance; the claimed invention cannot be considered to be of partialar relevance; carlier document but published on or after the international filing date and comment of particular relevance; the claimed invention cannot be considered to reason (as specified) odocument referring to an oral disclosure, use, exhibition or other reason (as specified) odocument referring to an oral disclosure, use, exhibition or other reason (as specified) odocument referring to an oral disclosure, use, exhibition or other than the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Name and mailing address of the ISA/ Japanese Patent Office Comment and mailing address of the ISA/ Japanese Patent Office	Jits	uyo Shinan Koho 1922-1996	Toroku Jitsuyo Shinan Koh	o 1994–2003			
Category* Citation of document, with indication, where appropriate, of the relevant passages A JP 9-166432 A (Mitsutoyo Corp.), 24 June, 1997 (24.06.97), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) See patent family annex. "T" later document defining the general state of the art which is not considered to be of particular relevance to a fact the international filing date of considered to be of particular relevance and the comment but published on or after the international filing date of countent which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) coursent of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone considered in vinolve an inventive step when the document is accounted to the sum or a disclosure, use, exhibition or other means produced to the international filing date but later than the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Date of mailing of the international search 26 December, 2003 (26.12.03) Date of mailing of the international search proof 20 January, 2004 (20.01.04)	Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)						
Category* Citation of document, with indication, where appropriate, of the relevant passages A JP 9-166432 A (Mitsutoyo Corp.), 24 June, 1997 (24.06.97), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) See patent family annex. "T" later document defining the general state of the art which is not considered to be of particular relevance to a fact the international filing date of considered to be of particular relevance and the comment but published on or after the international filing date of countent which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) coursent of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone considered in vinolve an inventive step when the document is accounted to the sum or a disclosure, use, exhibition or other means produced to the international filing date but later than the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Date of mailing of the international search 26 December, 2003 (26.12.03) Date of mailing of the international search proof 20 January, 2004 (20.01.04)		· .	· · · · · · · · · · · · · · · · · · ·				
A JP 9-166432 A (Mitsutoyo Corp.), 24 June, 1997 (24.06.97), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) See patent family annex. "A Special categories of cited documents: "Comment defining the general state of the art which is not considered to be of particular relevance "Comment defining the general state of the art which is not considered to be of particular relevance "Comment which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified secson (as specified or section) and of a comment of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document member of the satual completion of the international search 26 December, 2003 (26.12.03) Date of the actual completion of the international search 26 December, 2003 (26.12.03) Authorized officer Japanese Patent Office	C. DOCU	MENTS CONSIDERED TO BE RELEVANT					
24 June, 1997 (24.06.97), Full text; all drawings (Family: none) A Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance; or carried document but published on or after the international filling carried document which may throw doubts on priority dain(s) or which is ricked to ratioblish the publication due of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means. The document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone obcument in published prior to the international filling date but later than the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Name and mailing address of the ISA/ Japanese Patent Office	Category*	Citation of document, with indication, where ar	opropriate, of the relevant passages	Relevant to claim No.			
to the request of Japanese Utility Model Application No. 68789/1984 (Laid-open No. 179903/1985) (Muto Kogyo Kabushiki Kaisha), 29 November, 1985 (29.11.85), Full text; all drawings (Family: none) See patent family annex.	Α .	24 June, 1997 (24.06.97), Full text; all drawings	·p.),	. 1–10			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" carlier document but published on or after the international filing date "A" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Date of mailing of the international search report 20 January, 2004 (20.01.04)	A	to the request of Japanese Uti No. 68789/1984(Laid-open No. (Muto Kogyo Kabushiki Kaisha) 29 November, 1985 (29.11.85), Full text; all drawings	ility Model Application (179903/1985)),	1-10			
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" carlier document but published on or after the international filing date "A" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Date of mailing of the international search report 20 January, 2004 (20.01.04)							
"A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other means "P" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 26 December, 2003 (26.12.03) Name and mailing address of the ISA/ Japanese Patent Office priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be con	Further documents are listed in the continuation of Box C. See patent family annex.						
Japanese Patent Office	"A" docume consider "E" earlier d date "L" docume cited to special r docume means "P" docume than the	ant defining the general state of the art which is not red to be of particular relevance locument but published on or after the international filing ant which may throw doubts on priority claim(s) or which is establish the publication date of another citation or other reason (as specified) and referring to an oral disclosure, use, exhibition or other art published prior to the international filing date but later a priority date claimed ctual completion of the international search	"X" document of particular relevance; the considered novel or cannot be considered step when the document is taken alone "Y" document of particular relevance; the considered to involve an inventive step combined with one or more other such combination being obvious to a person document member of the same patent if Date of mailing of the international searce	priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family			
Foodimite No.	Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer Telephone No.				

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/14491

ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 138932/1980 (Laid-open No. 64604/1982) (Sharp Corp.), 17 April, 1982 (17.04.82), Full text; all drawings (Family: none)	1-10
		· .
		·
		· · · .